

**ENGINEERING/OPERATIONS COMMITTEE MEETING RECAP  
AUGUST 12, 2010**

**COMMITTEE MEMBERS PRESENT**

Ed Mandich, Committee Chair  
Matt Disston, Committee Member

**STAFF PRESENT**

Don Chadd, General Manager  
Hector Ruiz, District Engineer  
Teresa Teichman, District Secretary  
Kris Hanberg, Wastewater Supervisor  
Neil McKenna, Water Supervisor  
Bob Beck, Maintenance Supervisor  
Michael Perea, Special Projects Manager

**PUBLIC PRESENT**

No members of the public were present.

**CALL THE MEETING TO ORDER**

Committee Chair Mandich called the Engineering/Operational Committee Meeting to order at 7:08 a.m.

**PUBLIC PARTICIPATION**

Public comments were announced. There were no oral or written comments.

**ORAL COMMUNICATION**

There were no comments.

**COMMITTEE MEMBER COMMENTS**

There were no Director comments.

**REPORT FROM THE GENERAL MANAGER**

There was no report from the General Manager

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
AUGUST 12, 2010  
PAGE 2**

**PROJECT MANAGEMENT**

**ITEM NO. 1A) STATUS UPDATE RELATING TO THE BAKER  
REGIONAL WATER TREATMENT FACILITY**

Mr. Hector Ruiz, District Engineer, advised project costs for each participating agency have been reconciled by IRWD and quarterly invoices for completion of the final design are being prepared.

Mr. Ruiz will be meeting with IRWD to discuss management of Irvine Lake and source water to the Baker Water Treatment Plant (WTP).

Mr. Ruiz advised the Baker WTP Committee meeting was cancelled for July and August.

***The Engineering/Operational Committee received the status update. No action taken.***

**ITEM NO. 1B) STATUS UPDATE AND POSSIBLE ACTION RELATING  
TO ROSE CANYON AND LANG WELLS GROUNDWATER  
TREATMENT FACILITY**

Mr. Ruiz stated two submittals have been sent to the State Department of Public Health (DPH) for processing. Mr. Ruiz advised the two submittals cover fiscal years 2006/2007 and 2007/2008 and total approximately \$129,000.

Mr. Ruiz advised he has sent a letter to the State DPH to extend the project completion date to February 28, 2011 which corresponds with the dates of the State Revolving Fund Loan.

Mr. Ruiz updated the Committee as to the progress and the phases of construction at the site, both current and future.

***The Engineering/Operational Committee received the status update. No action taken.***

**ITEM NO. 1C) STATUS UPDATE RELATING TO WATER MONITORING  
AND WATER CONSERVATION EFFORTS**

Mr. Chadd discussed the water allocation tables provided by the Municipal Water District of Orange County (MWDOC) covering 2009/2010 fiscal year and noted TCWD was successful in remaining under the annual allocation.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP**  
**AUGUST 12, 2010**  
**PAGE 3**

Mr. Chadd reminded the Board MWDOC's revised allocation for fiscal year 2010/2011 is 2,514 acre feet.

Mr. Chadd advised the Board Michael Perea, Special Projects Manager, has taken the lead as TCWD's Conservation Coordinator.

**The Engineering and Operational Committee received the status update. No action taken.**

**ITEM NO. 1D) STATUS UPDATES REGARDING ON-GOING  
ENGINEERING PROJECTS**

1. Golf Club Lift Station Upgrades/Rehabilitation

Mr. Ruiz advised he has ordered the dry pit submersible pumps which are expected to be delivered in September.

2. Shadow Rock Detention Basin Project

Mr. Ruiz advised there is no new information to report.

3. T-mobile Trabuco Highlands Reservoir Antenna Installation

Mr. Ruiz advised this project is substantially complete and he will conduct a job site walk on Friday for the purpose of developing a punch list.

4. Brookseed/Dove Water Main Inter-Tie/Fire Line

Mr. Ruiz advised there is no new information to report at this time.

5. El Toro Road Sewer Lift Station

Mr. Ruiz advised he is still working with IRWD on amendments to the Agreement. Mr. Ruiz has submitted his review comments to IRWD and is waiting for their reply.

6. Dove Lake Evaluation

Mr. Ruiz advised there was a mild turn-over in the lake on August 5, 2010. Solar Bee has been contacted and is scheduled to perform water quality testing.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING RECAP  
AUGUST 12, 2010  
PAGE 4**

7. Other Projects

There were no other projects discussed.

**The Engineering/Operational Committee received the status updates. No action taken.**

**ITEM 1E) STATUS UPDATES REGARDING ACTIVE DEVELOPMENTS**

1. Orange County Fire Authority Sewer System Project

Mr. Ruiz advised the project is complete and the As-Built drawings have been submitted to the District.

2. Oaks at Trabuco

There is no new activity to report.

3. Rancho Las Lomas

There is no new activity to report.

4. Other Active Developments

Mr. Ruiz stated he has meet with the developer for the Skyridge project which is located off of El Toro Road, at the Marchosky property. Standard Pacific Homes is proposing to build 85 homes and has provided a developer deposit for TCWD engineering and planning work.

Director Mandich asked if any hard numbers were provided to the developer, Mr. Ruiz mentioned that only big picture concepts and budgetary costs were informally provided.

**The Engineering/Operational Committee received the status update. No action taken.**

**ITEM NO. 1F) WATER SYSTEM STATUS UPDATE**

Mr. Neil McKenna, Water Supervisor provided the July 2010 update.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING  
AUGUST 12, 2010  
PAGE 5**

Source Water Production

1. The water treatment plant production totaled 284 acre feet.
2. The Rose Canyon Well produced 0 acre feet and the Lang Well produced 0 acre feet.
3. The average daily demand was 8.9 acre feet, or 4.5 cfs.

Projects and Repairs

1. Water Department Personnel flushed blow-offs in the Robinson Ranch Community.
2. Water Department Personnel have been inspecting and monitoring the progress at the Wells Project Upgrade site.

Mr. McKenna advised the Water Department has completed the work to return the tampered blow-off, recently used for water theft, back to its original service. Mr. Chadd advised the Orange County Sherriff Department has forwarded the case to the District Attorney's office for prosecution.

***The Engineering/Operational Committee received the status update. No action taken.***

**ITEM NO. 1G) WASTEWATER SYSTEM STATUS UPDATE**

Mr. Kris Hanberg, Wastewater Supervisor, provided the July 2010 status update.

Robinson Ranch Wastewater Treatment Plant

1. The reclaimed water production totaled 59.9 acre feet.
2. The recycled water demand was 98 acre feet.
3. Dove Lake had 7.1 feet of freeboard.
4. The reclaimed water reservoir had 2.5 feet of freeboard.
5. The District pumped a total of 46 acre feet from Dove Lake.
6. The Dry Season Water Recovery Project produced 13 acre feet.

**Projects**

1. District Personnel repaired the manhole rings on El Toro Bike Trail.
2. District Personnel installed a water line to the chlorine station for the SBRs.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING  
AUGUST 12, 2010  
PAGE 6**

Mr. Hanberg reviewed the Sewer System Management Plan (SSMP) Report for July. Next quarterly report is due October, 2010.

***The Engineering/Operational Committee received the status update. No action taken.***

**ITEM NO. 1H) JULY 2010 OPERATIONAL REPORT REVIEW**

There were no anomalies to report.

***The Engineering/Operational Committee received and filed the report. No action taken.***

**ITEM NO. 1I) ENGINEERING/OPERATIONAL COMMITTEE MEETING  
RECAP**

No changes were made to the Engineering/Operational recap.

***The Engineering/Operational Committee recommended that the Board receive and file the July 15, 2010 Engineering/Operational Committee Meeting Recap.(Consent Calendar).***

**ITEM NO. 1J) OTHER MATTERS/REPORT**

Mr. Chadd advised he was contacted by the County of Orange, Real Estate Division, and is scheduled to meet next week for the purposes of discussing the County's proposal to improve Trabuco Creek Road.

Mr. Chadd advised TCWD Staff will soon begin a landscape project at the District Administration Facility utilizing some of the rocks excavated from the Wells Upgrade Project. The landscape will promote and demonstrate ideas for California Friendly and succulent plant usage.

Mr. Chadd advised TCWD Staff is obtaining quotes for a small shed type structure to facilitate storage of meters and meter parts on this side of the District for the purpose of efficiency and a more secure storage site.

Mr. Matt Disston, Director, mentioned that he attended a meeting to discuss the MWDOC issues.

**ENGINEERING/OPERATIONAL COMMITTEE MEETING  
AUGUST 12, 2010  
PAGE 7**

Mr. Chadd provided information to the Committee on AlertOC, a public mass communication tool that will be offered to cities and water districts free of charge through 2012.

**Recommended Action: The Committee received the status update. No action taken.**

**ADJOURNMENT**

Committee Chair Mandich adjourned the August 12, 2010 Engineering/Operational Committee Meeting at 7:59 a.m.